

District of Kent - February 1, 2024

Fall 2022 ETF Bike Trail Survey Report:



Executive Summary

This 36-kilometer section of the ETF trail starts at the Rosedale-Agassiz Bridge heading east and then splits towards the Hope or north through Agassiz to Harrison Hot springs. Most of the trail in the District of Kent is on shared roads with most ranked as Class 3, or quiet farm roads. The trail goes through the Town of Kent that has a museum, quaint shops, and some farm tourism shops on the way to Harrison. The major challenge of this section is the Rosedale-Agassiz bridge which has no accommodation for bikes. Along with signage, some trail improvements through shoulder widening or bike lanes are indicated. The Lougheed highway to Hope has wide shoulders and is passable.

Trail Quality Assessment Methodology

- Trail quality is both objective and subjective. Attributes such as trail width and surface type are easily measured, but rider comfort or scenic quality are harder to measure. Primarily the trail was developed to be beside or in view of the Fraser River and allow for a contiguous route from the mouth of the Fraser River to Hope.
- The trail route was developed from a number of sources including; GIS data from the Regional District's 2010 planning projects, Community meetings over 2021, Published Community Cycling Maps, Open Street Map, Google Maps, and the Fall Bike Route Survey (1238 Data Locations and 2000+ Photos captured).
- Trail Quality Classification Methodology

Ideal Trail: scenic, paved, wide, separate from walkers and cars (includes bike lanes separated from road traffic by a barrier)	10	Ideal Road: scenic, well-marked bike lanes, room to bike, minor road	5
Poor Scenic Characteristics	-1	Poor Scenic Characteristics	-1
Gravel	-1	No Bike Lane Lines/markers	-1
Narrow, not enough for two bikes	-1	No Shoulder	-1
Speed limitations, pedestrian area	-1	Major Road/Heavy Traffic	-1

Trail Survey: General Recommendations and Conclusions

- As a general rule place trail signs before intersections or viewable from a far enough distance for a bike rider to see before turning.
- In most cases use of a larger pole mounted 22x34 cm sign with a directional arrow is recommended. Smaller wood post mounted signs 12.7x19.7 cm and signs without directional arrows should only be used for confidence markers where the route is obvious

Summary of Current Trail: District of Kent

- Section Length **36.2 km**
- 25** Signs Needed Locations: **48 signs** recommended
- 5** Potential Enhancement Projects Identified, **1** Map Sites recommended
- Length of Trail (km) by Class**

TRAIL	km	ROAD	km
Ideal Trail 10	0	Ideal Road 5	0
Class 9	0	Class 4	0
Class 8	0	Class 3	9.9
Class 7	1.1	Class 2	23.5
Class 6	0	Class 1	1.7



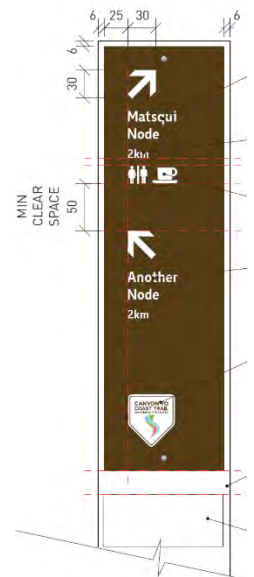
Map Linked Signage Details

- Sign types recommended at each location are shown on the map and labelled numerically. Some sign locations require detailed explanations. Those sign details are listed here.
- **Sign Location 1:** Major turn off of Hwy 9. Trans Canada Trail has pole. Could use markers only.
- **Sign Location 2:** TCT poles and signs in place add markers or arrow signs as needed.
- **Sign Location 3:** TCT sign here could add a marker here but no real options to get lost.
- **Sign Location 4:** Lots of signs here. Two TCT poles, recommend adding a detailed map here. This is the split of the trail to either Harrison Hot Springs or Hope.
- **Sign Location 5:** Two options heading North. Left route is more direct, right uses new gravel path, but is twice as long. Needs consideration but right route with Project C implemented is recommended.
- **Sign Location 6:** Need a pole here to put in a sign.
- **Sign Location 7:** Two routes here to choose from on Morrow Road or Vimy Road.
- **Sign Location 9:** Signs here because the tendency is to want to turn down Park St. going South.
- **Sign Location 16,17:** 17 is a very important sign but 16 is less so since not easy to get lost.
- **Sign Location 22:** Two Great Trail (TCT) poles here could add markers or arrow signs.
- **Sign Location 23:** Obvious pole heading east but going west could be easy to miss. Might be better to have the west arrow on the other side of the street.
- **Sign Location 24:** Could put arrows on big Green Agassiz Harrison Sign. Difficult crossing here for bikes headed east. Cross here sign might also be a good idea.
- **Sign Location 25:** Straight arrow markers placed periodically along Lougheed Hwy while not navigationally required would comfort riders that they are still on the right track. There are reflector markers either side that could be used to put the signs on. Signs shown on Map 8 are just representational not actual suggested locations.



Map Linked Potential Project Details

- Potential projects were identified while riding on the trail and are mainly focused on improvements to the route.
- **Potential Project A:** The Agassiz Rosedale Bridge is the most difficult section of the entire trail. High traffic volume/speeds and very limited space for bikes this section both dangerous and intimidating for most riders. Some potential projects could include; a flashing light (bike on bridge), a shuttle service provided by the municipality with a phone call ahead sign placed earlier in the trail, a bridge improvement, a new separate bike/footbridge.
- **Potential Project B:** This section of road is gravel and could be paved to improve the rider experience.
- **Potential Project C:** This residential street is an option from sign 5. Putting a bike lane here of some sort would make this the route to choose into Agassiz.
- **Potential Project D:** Two Kilometre section along Pioneer Ave. has limited shoulders and could be a project to add shoulders with lines or bike lanes.
- **Potential Project E:** Crosswalk or crossing signal light here would be a project to improve safety while crossing the busy Lougheed Highway.





Experience The Fraser Fall 2022 Bike Trail Survey Map

Signs and Potential Projects

District of Kent: Map 1 of 8

★ Potential Project Site

▲ Potential Site for Detailed Map

Sign Type

- Sign Existing
- Sign Needed

Route Class

- 10 Trail
- 9 Trail
- 8 Trail
- 7 Trail
- 6 Road
- 5 Road
- 4 Road
- 3 Road
- 2 Road
- 1 Road

Municipal Boundaries

East and West on Signs indicate general direction of travel!

← EAST

EXPERIENCE THE FRASER

→ WEST

EXPERIENCE THE FRASER

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Experience The Fraser Fall 2022 Bike Trail Survey Map

Signs and Potential Projects

District of Kent: Map 2 of 8

★ Potential Project Site

▲ Potential Site for Detailed Map

● Sign Existing

● Sign Needed

Route Class

- 10 Trail
- 9 Trail
- 8 Trail
- 7 Trail
- 6 Road
- 5 Road
- 4 Road
- 3 Road
- 2 Road
- 1 Road

Municipal Boundaries

East and West on Signs indicate general direction of travel

← EAST

→ WEST

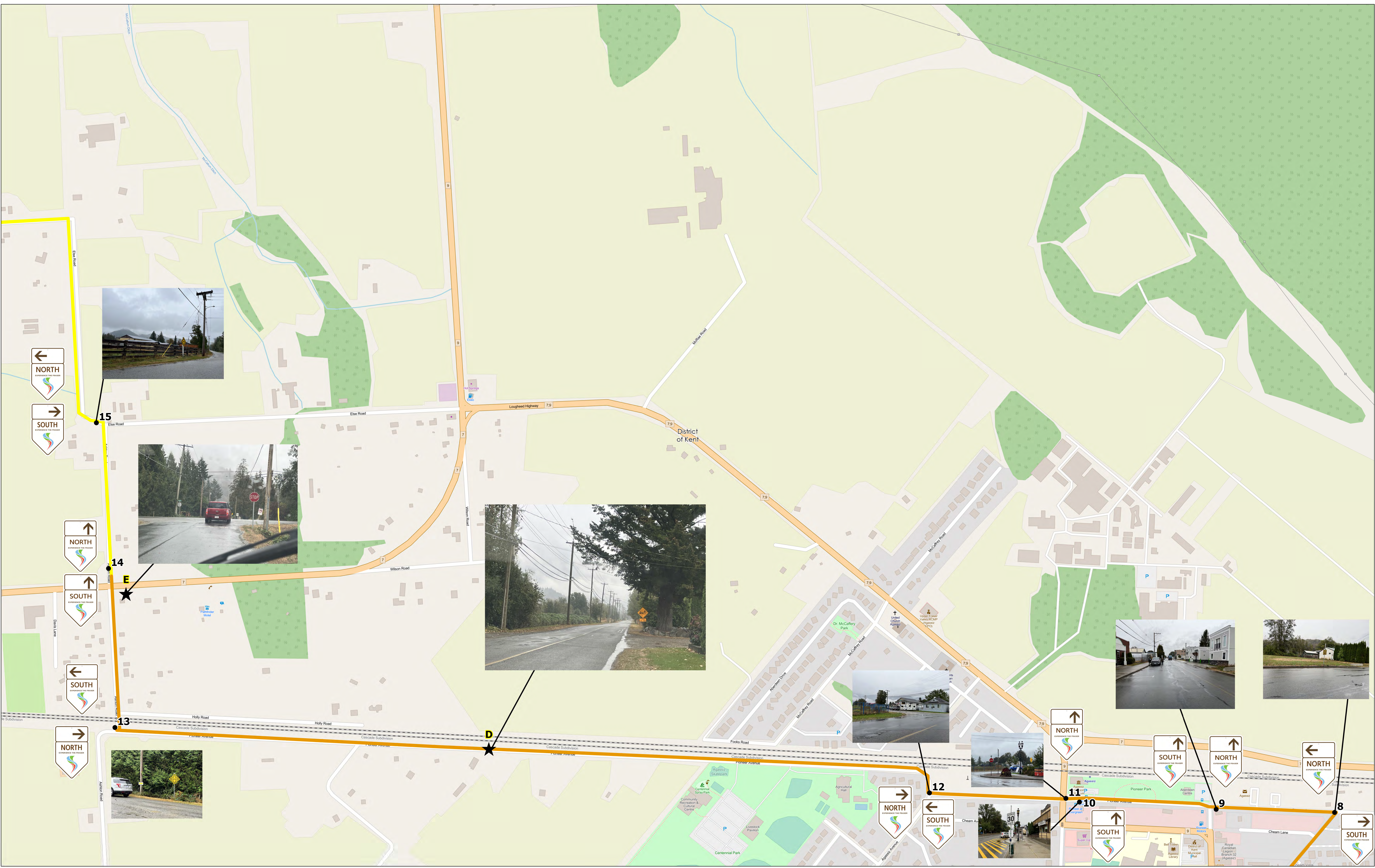
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Experience The Fraser Fall 2022 Bike Trail Survey Map

Signs and Potential Projects

District of Kent: Map 3 of 8

★ Potential Project Site

▲ Potential Site for Detailed Map

● Sign Existing

● Sign Needed

Route Class

- 10 Trail
- 9 Trail
- 8 Trail
- 7 Trail
- 6 Road
- 5 Road
- 4 Road
- 3 Road
- 2 Road
- 1 Road

Municipal Boundaries

North and South on Signs indicate general direction of travel

← EAST

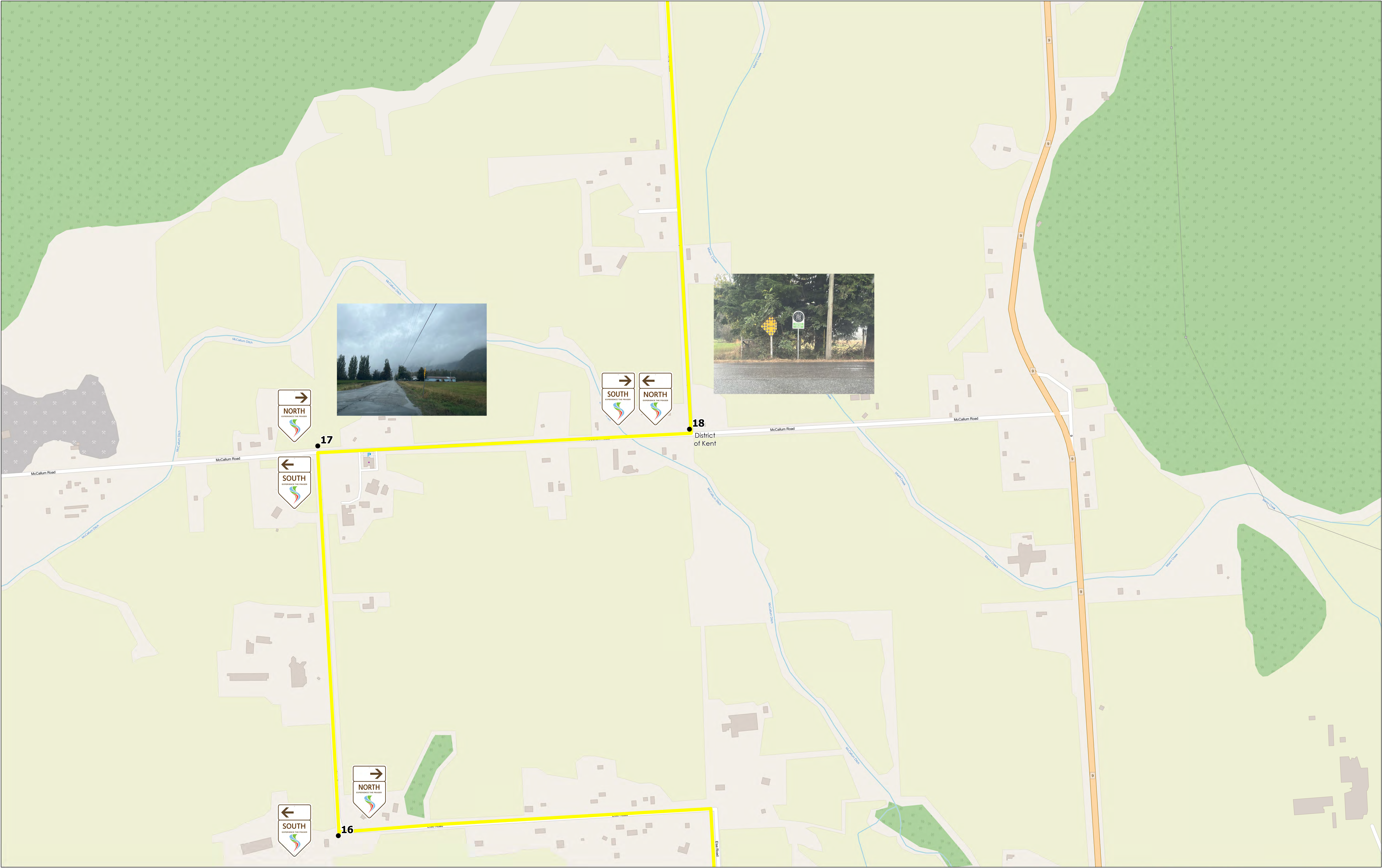
→ WEST

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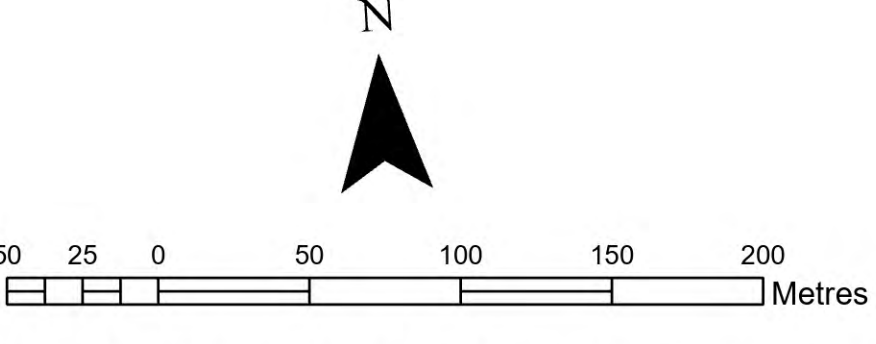
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Signs and Potential Projects

District of Kent: Map 4 of 8

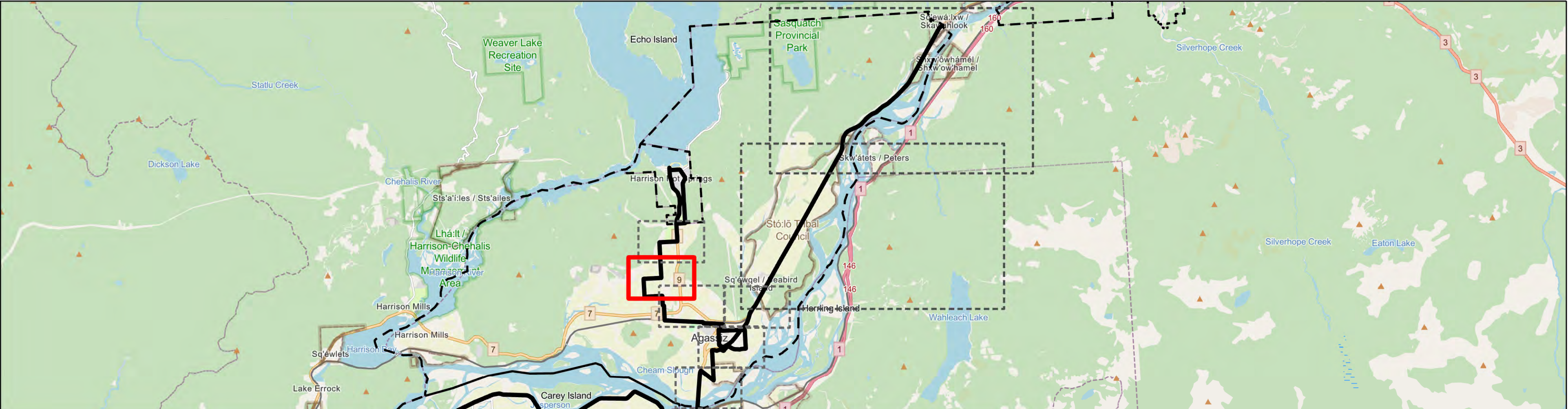
- ★ Potential Project Site
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 - Sign Existing
 - Sign Needed
- Route Class
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 - 6 Road
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- Municipal Boundaries

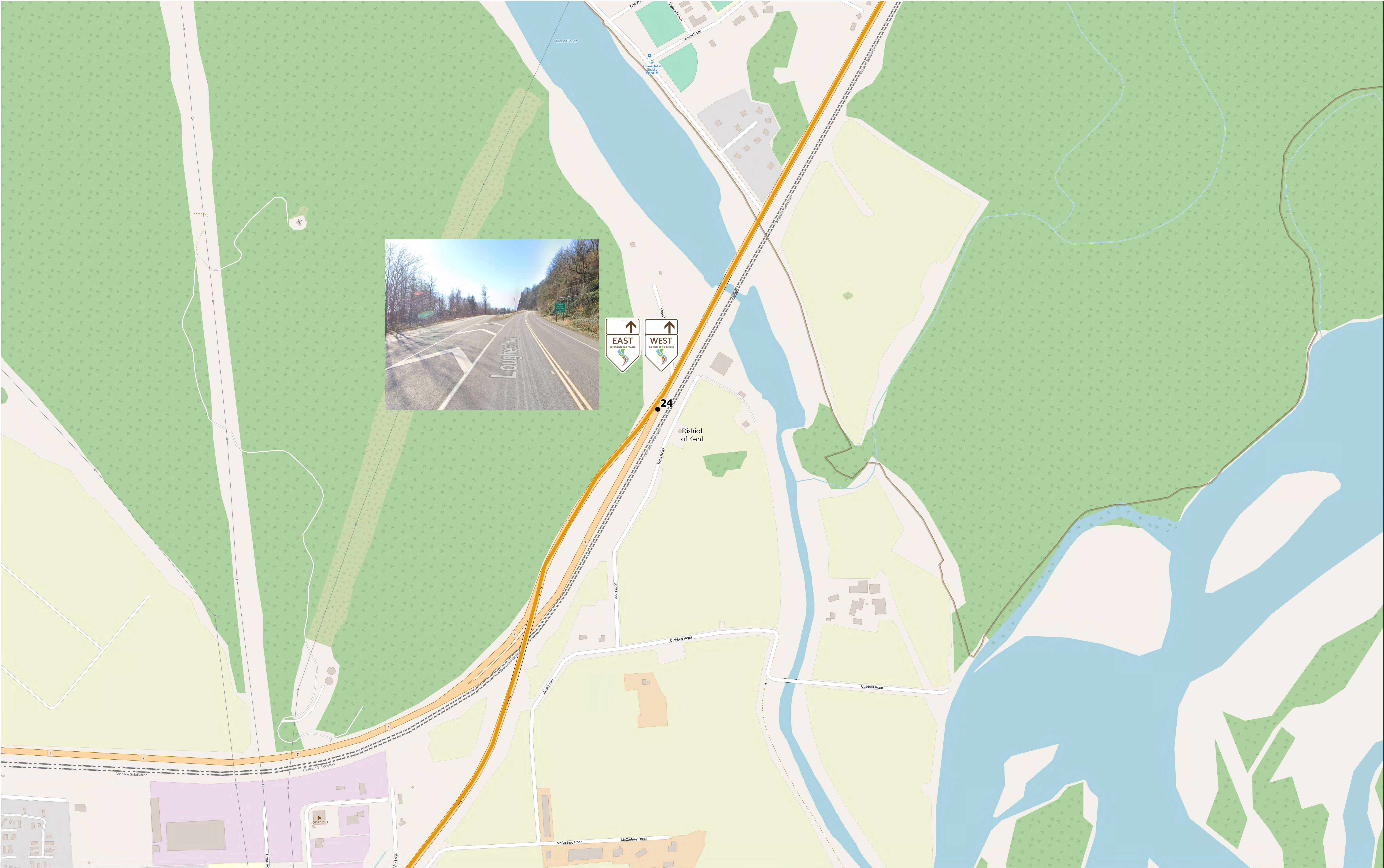
North and South on Signs indicate general direction of travel



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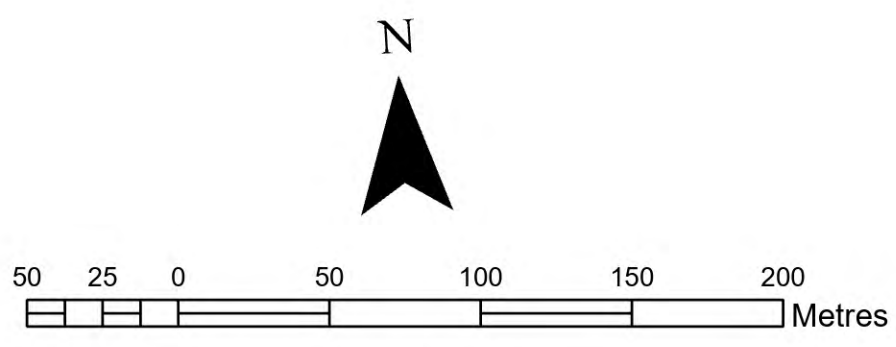




Experience The Fraser Fall 2022 Bike Trail Survey Map
Signs and Potential Projects
District of Kent: Map 6 of 8

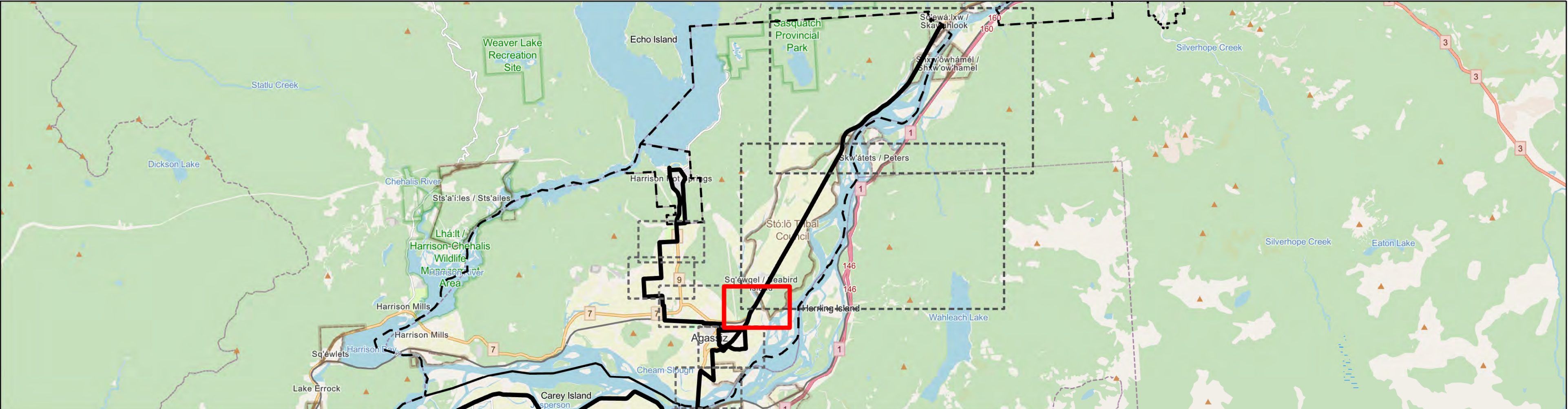
- ★ Potential Project Site
 - ▲ Potential Site for Detailed Map
 - Sign Existing
 - Sign Needed
- Route Class
- 10 Trail
 - 9 Trail
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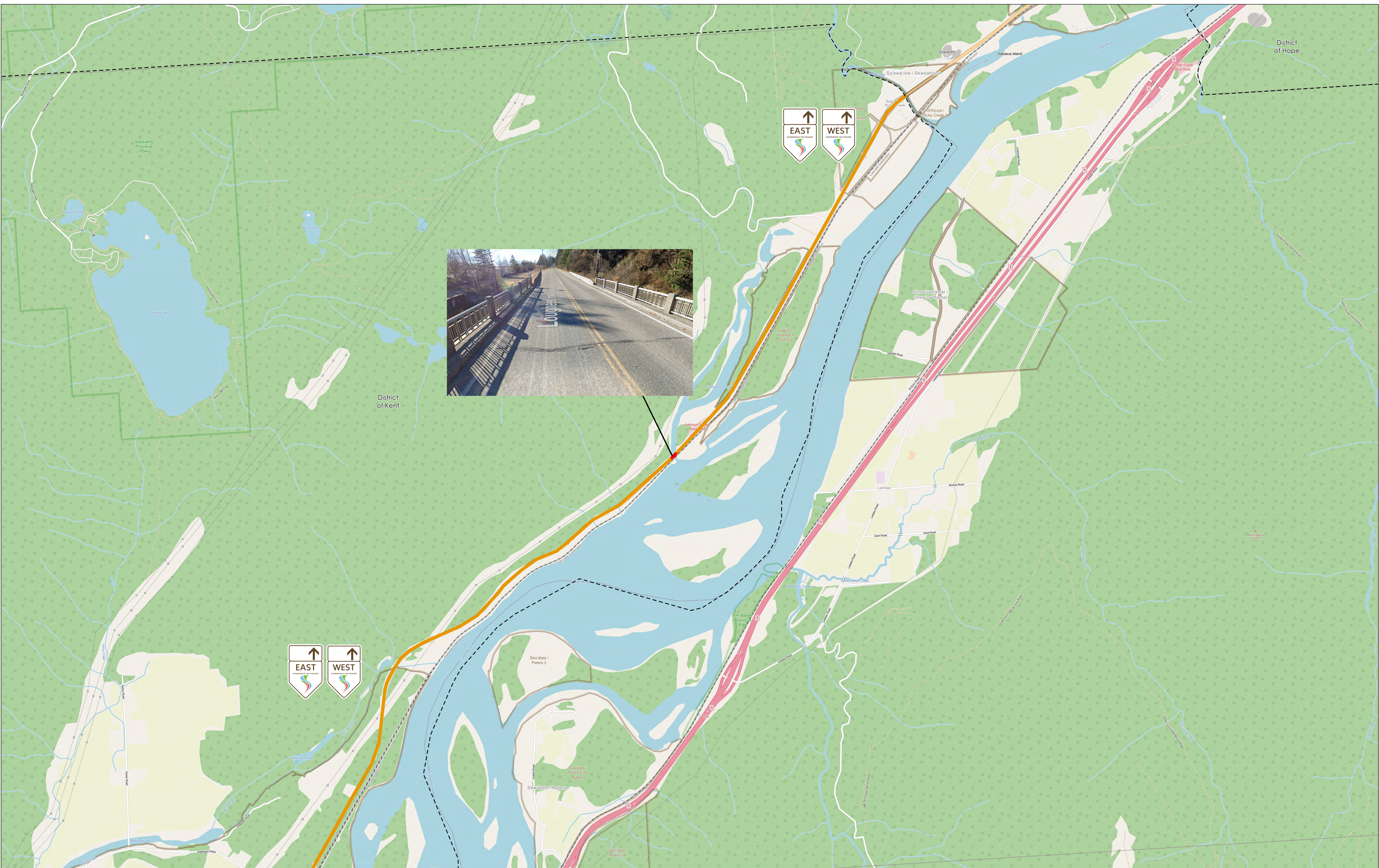
East and West on
Signs indicate general
direction of travel



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Experience The Fraser Fall 2022 Bike Trail Survey Map

Signs and Potential Projects

District of Kent: Map 8 of 8

★ Potential Project Site

▲ Potential Site for Detailed Map

● Sign Existing

● Sign Needed

Route Class

- 10 Trail
- 9 Trail
- 8 Trail
- 7 Trail
- 6 Road
- 5 Road
- 4 Road
- 3 Road
- 2 Road
- 1 Road

Municipal_Boundaries

East and West on Signs indicate general direction of travel!

← EAST

→ WEST

250 125 0 250 500 750 1,000 Metres

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